

Session 3 Panel Discussion

- **Questions:**

- What developments are needed to make epidemiologic cohorts a cornerstone of the discovery to practice continuum?
- How should NCI and NIH facilitate multidisciplinary collaboration to integrate these developments into the research portfolio?

- **Moderator:** Julie Buring, Sc.D., M.S.

- **Panelists:**

- Julie R. Palmer, Sc.D., M.P.H.
Boston University School of Public Health
- Lyle Palmer, Ph.D.
Ontario Institute for Cancer Research
- Leslie L. Robison, Ph.D. (unable to attend)
St. Jude Cancer Center
- Daniela Seminara, Ph.D., M.P.H. (presentation not available)
National Cancer Institute

Julie R. Palmer, Sc.D., M.P.H.

Boston University School of Public Health

Optimizing the Value of 21st Century Cohorts

Improvements in existing cohorts

- Online questionnaires
- Repeated measures
- Data from Census, EPA, etc.
- Tx, recurrence, 2nd cancers
- Tumor tissue, TMAs

NIH infrastructure support for collaborative research

Consortia of multiple cohorts

- Centralize harmonization of cohort exposure data
- Facilitate access to CA registries, death files, Medicare claims data

Collaborations of individual cohorts with outside investigators

- Benefits: fresh ideas, maximization of valuable resource
- Mechanisms: logistics, funding

Lyle Palmer, Ph.D.


Ontario Institute for Cancer Research

Key features of new cohorts in the digital age...

- **Online**
- **Responsive, constant evaluation**
- **Longitudinal over entire life course**
- **Large in scale**
- **Inclusive: Representative and diverse samples**
- **Comprehensive platforms for disease and health research.**
- **Closely integrated with linked administrative health data**
- **Closely integrated with government, clinical and public health networks**
- **Engines for translation**

A personalized home page for every participant

A platform for bi-directional data interchange



Ontario Health Study
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The brain uses 20% of the body's energy but is only 2% of its weight. What will the Ontario Health Study teach us?
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Healthy Living




Physical activity can be a lifesaver – literally. Canadian Physical Activity Guidelines recommend that you accumulate at least 150 minutes of moderate-to vigorous-intensity aerobic physical activity per week, in bouts of 10 minutes or more. For more information on the importance of physical activity [click here](#).

Medical News Today – Nutrition

90 Sick In 20 States With Salmonella From Ohio Mail Order Hatchery

13, 11, 10, 2012 05:00 EDT

A new outbreak of salmonella that has sickened 99 people in 20 states of the US has been traced to a hatchery in Ohio that supplies live chicks and ducklings by mail order, federal health officials ...



OHS in the News

- Ontario Health Study at age of James [March 24, 2012](#)
Globe and Mail
- Ontario plan aims to raise on new line in study [September 29, 2011](#)
CTV News

OHS Twitter

ON_HealthStudy: It's Video Tuesday again! Watch Dr. Palmer discuss how the OHS i...

Tue, 29 May 2012 13:58:39 EDT

ON_HealthStudy: It's Video Tuesday again! Watch Dr. Palmer discuss how the OHS is taking advantage of Ontario's strengths <http://rt.co/75h86H> #VideoTuesday

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Reports

- OHS participant counts by age
- OHS Participant by Ethnicity
- OHS participant counts by sex
- OHS participant age over time